

ABSTRACT

The thesis proposes the establishment of three new branches of the Bank of Palestine to begin its new age covering the Arab part of Palestine WestBank and Gaza strip.

The major factor in this thesis is the communication link to be used among these four branches of the bank as well as between the two separate parts of Westbank and Gaza strip. The paper also introduces the new technology "Packet switching technology" to the banking system.

The Design of the network using the transmission link between Westbank and Gaza strip is the main objective of this thesis and also the related equipment needed by the bank according to the data rate used. The thesis has considered the geographical profile of Palestine in designing the transmission link between those two parts.

The thesis excludes the cost, the protocol and the management of the Bank of Palestine as these will be taken care of by the bank itself.

